

## **REMARKS**

In the Office Action dated January 24, 2008, the Examiner made a Request for Information Under 37 C.F.R. §1.05 to provide copies of each publication which the Applicant authored or co-authored and which describe the disclosed subject matter of real-time fMRI image analysis.

In response, the undersigned representative of the inventor states that he has been informed by the inventor that no such articles exist.

Applicant was additionally requested to provide the title, citation and copy of each publication that the Applicant relied upon to develop a disclosed subject matter that describes the Applicant's invention, particularly as to developing the concept of updating the intermediate results from a directly preceding volume data set with new calculations.

In response, the undersigned representative of the inventor states that he has been informed by the inventor that there are no such publications that were relied on by the inventor to develop the disclosed subject matter that describes the Applicant's invention.

An informality was noted in claim 1, which has been corrected. Since the same informality existed in claim 10, claim 10 has been corrected as well.

Claims 1 and 6-12 were rejected under 35 U.S.C. §103(a) as being unpatentable over the combination of Applicant's admitted prior art and an article entitled "Real-Time Functional Magnetic Resonance Imaging" by Cohen.

Additionally, claim 1 was rejected under 35 U.S.C. §103(a) as being unpatentable over the combination of Applicant's admitted prior art, and an article

entitled "Real-Time Multiple Linear Regression for fMRI Supported By Time-Aware Acquisition And Processing," by Smyser et al.

Claims 2-5 were stated to contain allowable subject matter, and would be allowable if rewritten in independent form.

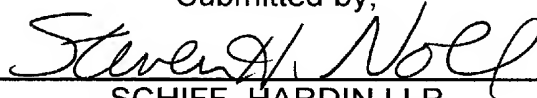
By the present Amendment, the subject matter of claim 2 has been incorporated in independent claim 1, and claim 2 accordingly has been cancelled. Claims 3, 4 and 5 have been editorially amended in view of the incorporation of the subject matter of claim 2 into claim 1.

Independent claim 10 has been amended as well to include subject matter comparable to the allowable subject matter of claim 2 in claim 10. Claim 10 is therefore submitted to be in condition for allowance for the same reasons that cause the Examiner to indicate that the subject matter of claim 2 was allowable over the prior art of record.

All claims of the application are therefore submitted to be in condition for allowance, and early reconsideration of the application is respectfully requested.

The Commissioner is hereby authorized to charge any additional fees which may be required, or to credit any overpayment to account No. 501519.

Submitted by,



(Reg. 28,982)

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